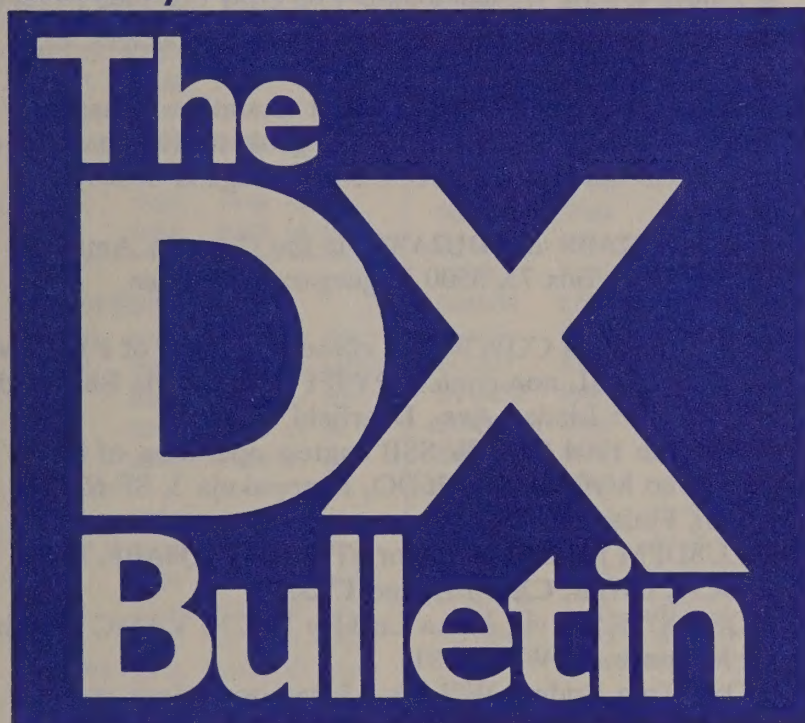


Central Kiribati - T31 Judith DL2ZAD and Norbert Willand DF6FK will operate as T31BA and T31BB from Canton Island (OC-043) Dec. 29-Jan. 15, on 80-10 meters, including 12 and 17 meters. Mostly SSB on 3803, 7085, 14145, 21275, and 28475 kHz. They will listen down on 75 and 20 meters for Europeans, and up on 40 and 20 meters for USA. CW on request. Sunrise 1726Z; sunset 0531Z. QSL direct via home address: Leipziger Ring 389, D-63110 Rodgau, Germany, or via the DARC (German) bureau.

Maldives - 8Q Carlo Amorati I4ALU operates from (AS-013) as 8Q7BX Dec. 26-Jan. 6. Carlo will be on CW only on all bands 80-10 meters, about 10 kHz up from the bottom of the bands, listening 1 kHz up. QSL direct to his home address: Via Marconi 47, Bologna 40122, Italy, or via the Italian bureau.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

South Georgia Island - VP8 Al Hernandez WA3YVN, Vince Thompson K5VT, and Jan Heise WA4VQD will operate from South Georgia (AN-007) for about two weeks, beginning around Jan. 4. They will concentrate on CW, RTTY, the low bands, and the new bands, but will be on all modes and bands. Possible callsign is VP8SGP, but that must be verified in the Falklands. Try 1826, 3522 (3504 for Europe), 7022 (7004 for Europe), 10104, 14024, 18074, 21024, 24894, or 28024 kHz on CW and 1845, 3785, 7065, 14195, 18145, 21295, 24945, and 28475 kHz on SSB. RTTY 80 kHz up. QSL via INDEXA, c/o John Parrott W4FRU, P. O. Box 5127, Suffolk VA 23435. The DXpeditioners will operate from the Falklands and maritime mobile beginning Dec. 23rd. Al is VP8CBC.

Shortly Noted

- **JA1UT/Gaza** and **JA3UB** are supposed to be operating from the Palestinian-controlled Gaza Strip, but no reports yet. The Palestinians have requested assistance in resuming amateur radio operations, establishing a government club station, and setting up an amateur radio organization.
- **9N/JA3ULS** will be active from Nepal Dec. 25-Jan. 5, on all bands, CW, SSB, and RTTY. QSL via home call. (JDN.)
- **9Q5IY** is **LA9IY** for the next three months. He operates 40-10 meters, including the new bands, mostly CW, running barefoot into wire antennas. He hopes to operate from Rwanda 9X at times during his tour of duty with the UN. QSL both operations via the Academic Radio Club LA1K, Studpost 250, N-7034, Trondheim, Norway. (DXNS.)
- **7S3OWG** is a special-event station Jan. 1-June 16, to promote Sweden's bid to win the 2002 Olympic Winter Games. Members of the Jemtlands Amateur Radio Club SK3JR will operate the callsign mostly on CW, but will also be active on other modes and in contests. QSL direct or via the SM bureau to SM3CVM.
- **9K2MU** has been logged in a list operation with DJ9LJ on 3792 kHz around 0100Z. QSL to WA4JTK. (W1AW.)
- **T32**: OPDX reports that T32Q and T32O canceled out of the planned Eastern Kiribati operation at the end of the year. Suggested frequencies for T32J/X/A/X are 6 kHz up on CW and 3799, 7070, 14190, 18120, 21290, 24940, and 28490 kHz on SSB. See Issue 766 for QSL addresses. (T32O is assigned to long-time Christmas Island resident Phil Wilder.)
- **3V8W** will not be active this year, according to Karl DK2WV.
- **RTTY**: Spots: A71EY 14089 1313Z; 9G1BS 14084 1805Z; SU1AH 7040 2207Z; 3B8CF 14087 1645Z; ZD8X 14082 2045Z; A35AP 14088 0630Z; FK8GM 14088 0645Z; TY1PS 21084 1515Z; JW0I 14081 1150Z; 9Q5EXV 14083 1540Z. PW2A will be active from Brazil in the ARRL RTTY Roundup Jan. 7-8. QSL via Ari R. de Souza PT2BW, P. O. Box 03858, 70084-970 Brasilia DF, Brazil.
- **SSB Nets**: 14226 (1530, 1900Z) 5Z4DU T77J JD1/JI7BCD, JD1BIK, 9G1SB EL2PP HC8JG S79KMB PZ1EE S53TK FY7FY XT2/TU5BA VK4UA ZS4AE; 21355 (1800Z): C53HG.

Islands On The Air

- **FD1PAC** plans to become active from YV5 Aves Island (not the YV0 Aves) SA-051 and another island group SA-??? in December or January.
- **PA3EVJ** is Martin Rosenthal VE3MR Dec. 23-Jan. 6, from the North Sea Coast South group (EU-146). QSL home address: 4 Cachet Parkway, Markham ON L6C 1G8, Canada.

Important Notice

There will not be an Issue next week. The next Issue, number 770, will be dated Jan. 7, 1995, and mailed Jan. 4, 1995. Happy holidays, and good DXing in the next year!

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
December 1994	Date Flux A K	Date Flux A K
23 Disturbed	11/26 83 20/39 3	10/29 98 39/49 2
24 Below Normal	11/27 80 23/25 3	10/30 98 31/41 4
25 High Normal	11/28 80 11/11 2	10/31 97 34/38 3
26 High Normal	11/29 80 06/07 2	11/1 92 16/18 2
27 Low Normal	11/30 78 18/16 1	11/2 92 17/18 2
28 High Normal	12/1 79 12/10 2	11/3 87 08/13 2
29 Low Normal	12/2 79 20/18 3	11/4 84 19/18 3
30 High Normal	12/3 82 10/11 1	11/5 83 14/15 2
31 Above Normal	12/4 82 05/06 3	11/6 81 24/37 2
January, 1995		
1 High Normal	12/5 81 07/07 1	11/7 82 11/12 1
2 High Normal	12/6 78 14/16 3	11/8 80 03/07 1
3 High Normal	12/7 80 11/11 2	11/9 79 13/14 3
4 High Normal	12/8 81 10/10 3	11/10 80 15/13 1
5 High Normal	12/9 87 09/09 2	11/11 79 06/08 1
6 High Normal	12/10 86 06/07 1	11/12 80 04/06 2
7 Above Normal	12/11 95 05/06 3	11/13 81 04/05 1
8 Above Normal	12/12 99 07/09 2	11/14 79 06/08 2
9 High Normal	12/13 97 11/11 2	11/15 79 08/07 1

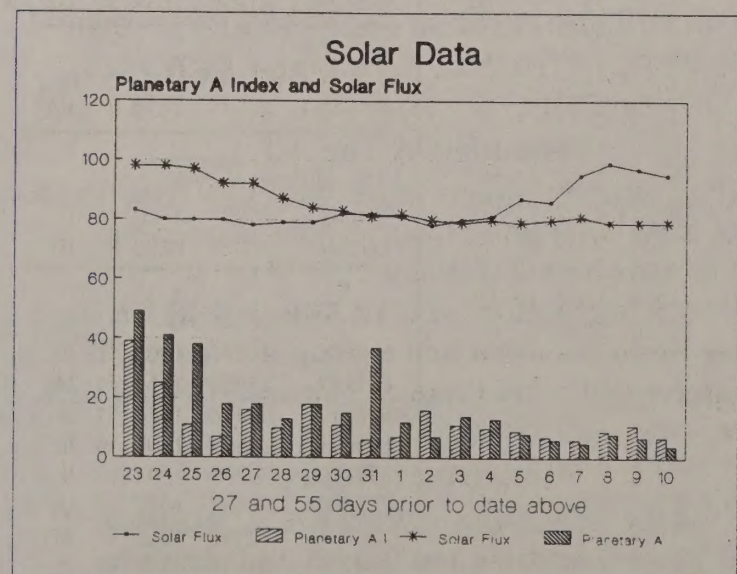
Propagation Watch

Solar flux remained at higher-than-expected levels, thanks to another Sunspot Region: 7817. Region 7815, the region that boosted solar flux above 90 earlier in the month, rotated to the back side of the sun. However, Region 7817 is filling in for the loss of solar activity, and holding flux in the 85-90 range. This slight increase in activity from the expected low 80s has had only minor effect on the bands, but every boost in flux is welcome.

The quiet geomagnetic field and long nights in the northern hemisphere have give DXers some excellent low-band openings, including good conditions on 160 meters. Look for more low-band DX opportunities in the next few weeks, whenever the ionosphere is stable.

Meanwhile the 30- and 40-meter long paths in the morning, 20-meter long-path over the poles, and some brief high-band openings (mostly to southerly directions) continue to provide some good DX.

The bands should pick up after the first of the New Year; make a resolution to spend more time digging those weaker signals out of the noise. Good hunting!



QSL Information

■ US postage rates will increase around the first of the new year. DXers should add additional postage to their domestic SASEs now. The "G" stamps that represent the \$0.03 difference between the old and new domestic postage rates cannot be used for overseas postage.

■ QSL V77Y via KL7Y, direct or via the KL7 bureau.

■ QSL V31VW and ZF2VW via the Vancouver Mountain Radio Club, P. O. Box 1622, Vancouver WA 98668.

■ QSL V31ER direct to Emil Rodriguez, 19 Joseph Andrews Dr., San Ignacio, Cayo District, Belize, Central America.

■ QSL CO2KR via DL5DCA, P. O. Box 6208, D-44536, Lunem, Germany.

■ Carl McDaniel W3HCW has added 3A50LZ, R9WA, UA9XS, EW1MM, and CO6AP to the list of stations he manages. Carl's address is 2116 Reed St., Williamsport PA 17701-3904.

■ QSL J79AA via K4BAI, J79YL via KQ1F, J77J and J79XM via K1XM, and J79JS and J79VX via G4WVX.

■ Kappy WA4WTG will handle QSLs for the 1994 CQWW CW contest operation of C6AHX. He also manages V73Y and C6AHY.

■ QSL HS0AC via G0CMM; direct to station manager HS0/G3NOM, P. O. Box 1300, Bangkok 10112, Thailand; or via the HS bureau: GPO, Box 2008, Bangkok 10501, Thailand.

■ QSL DU2ABS and DU2ABT via the Cagayan Amateur Group, P. O. Box 73, 3500 Tuguegarao, Cagayan, Philippines.

■ QSL the 1994 CQWW CW contest contacts of PY0FF via CT1AHU. QSL non-contest PY0FF contacts via Bill Smith W9VA, 1345 Linden Ave., Deerfield IL 60015.

■ QSL the 1994 CQWW SSB contest operation of 8R1K via Marko Myllymaki OH6DO, Kurppakuja 3, SF-63700 Ahtari, Finland.

■ LU8DPM handles cards for VP8CQQ, XQ8ABF, L50D, CX0CW, CW8B, CX8BBH, and CE3F.

■ QSL S79KMB via Anika Leghley KN2N, VAMC Building 21, Martinsburg, WV 25401.

■ QSL Tom Bridges W7LN's African operations as A25/W7LN, D2/C91AM, V51WL, Z2/W7LN, ZS6WLN, 3DA0/W7LN, 7Q7WB, and 9Q5LN via his stateside address: 7140 Northampton St., Warrenton VA 22186.

■ QSL the Santa Catarina Island callsigns of PQ0MM, P0RR, and ZW0JR via Sergio Lima de Almeida PP5JR, Av. Rubens Arruda Ramos 1416/501, Cep 88015-700, Florianopolis SC, Brazil.

■ QSL N7RK/ZB2 via Dave Hollander N7RK, 2313 East Ocotillo Road, Phoenix AZ 85016.

■ QSL ZK2ZE via operator LA9GY.

■ QSL TL8NG only via WA1ECA.

■ A22MN's QSL manager WA8JOC has lost his copy of the Oct. and Nov. 1994 logs due to a power surge. He expects a delay of at least 3-4 months before resuming QSLing. He asks DXers for patience, and not to send duplicate requests.

■ The new QSL route for TJ1JR and 5V7MD is Chuck Degard AB7BB, 919 West Vaughn St., Tempe AZ 85283.

■ QSL J68AR via K9BQL and J68AH via AC0S.

■ QSL LP3C via Luis Paoloni LU3CF, J.F. Aranguren 1680, C.P. 1406, BS. AS. Argentina.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

RTTY

9G1BS	14085	2056	10	ID
EA6MQ	14087	1626	11	FL
HK0DPA	14089	2212	15	FL
OK2SBJ	14090	1350	14	FL

160 Meters

CO2EG	1833	0435	2	SC
CO3RP	1830	1206	7	AL
D44BS	1827	2240	10	MA
HK0ER	1832	0202	10	MA
IV3PRK	1832	0436	8	SC
JA1BXS	1911	1244	11	AL
JA1HQT	1908	1212	10	AL
JA1JRK	1908	1219	14	MA
JA4CQS *	1910	2134	10	MA
JH1RES	1909	1225	10	AL
OK1DOT	1828	0505	2	SC
SM4CAN	1828	0426	2	SC
TF3GC	1826	2303	10	MA
VK6LW	1828	1445	13	ID
VQ9SS	1832	2253	10	MA

80 Meters

3DA0BK	3507	2214	10	MA
4X4WN	3501	0200	10	MO
4Z4KX	3506	2115	5	NH
7P8SR	3511	0310	11	IA
9X/	3507	0400	9	MO
SM5DIC				
A35RK	3501	1305	2	AL
C31LFT	3506	0106	11	FL
CO2PL	3504	1050	7	NH
CP8XA	3518	0345	9	MO
EA6ZY	3507	0200	9	MO
EA8BWN	3518	2338	5	VA
EA8CN	3506	0124	17	FL
HA8BE	3505	0539	7	MA
HB9ADC	3510	0520	11	MA
HP1XBH	3509	0122	12	FL
JA3CSZ *	3502	2110	10	MA
JD1/	3508	1258	1	AL
J17BCD	Minami	Torishima		
JH0BBS	3501	1050	10	NH
JW0I	3503	1045	10	NH
LA6MP	3507	0151	11	FL
OM7DX	3506	0100	8	MO
OY1CT	3505	1015	10	NH
OY1G	3500	0157	11	FL
PY2NQ	3509	0200	8	MO
RK1OWZ	3505	1130	7	NH
RX9FM	3504	1020	10	NH
S52AB	3501	2256	16	FL
SV1AVP	3508	0600	10	MO
SV1AVP	3509	2212	17	FL
T91EVC	3509	0418	6	VA
TF3DX	3504	1005	10	NH
TU2MA	3506	0230	6	MO
TU4SR	3506	0130	6	MO
TU4SR	3504	2125	5	NH

UA0FDX	3503	1316	10	AL
UA0FM	3502	1249	10	MA
UA9MA	3503	1150	10	MA
UN5J	3507	0116	17	FL
UN5J *	3508	1156	16	MA
US0SU	3510	2247	9	NH
UT5UT	3501	0400	10	MO
VK7RO	3505	1015	9	NH
VK9NS	3507	0940	9	NH
VP9MZ	3507	0103	16	FL
YL2GD	3513	0625	9	VA
YL2PQ	3506	2245	9	NH
ZA1AJ	3508	2253	6	NH
ZL4QY	3510	1110	7	NH

75 Meters

7X2LS	3799	0011	9	AR
8R1AK	3797	0057	9	VA
9G1MR	3795	0015	9	AR
A61AN	3795	0015	9	AR
CE8ERO	3792	0710	14	MO
DU9RG	3797	1535	11	CA
EA6YX	3797	0040	10	AR
FO5OK	3793	1140	10	AR
HL1IUA *	3799	2154	11	MA
JF1IST *	3800	2130	10	MA
LA7SL	3795	0239	11	MD
OM5DX	3799	0116	10	AR
S52CD	3799	0226	11	MD
SU2MT	3795	0550	9	VA
SV1AOZ	3791	0502	8	VA
SV3AQR	3799	0030	8	AR
SV8JE	3791	0515	8	VA
VA1S	3798	1207	8	AR
VK3DZM	3799	1215	16	MA
VK6ACY *	3799	2116	11	MA
VK6LK *	3795	2105	11	MA
YO5ODE	3786	0437	7	VA
YU1XA	3795	0015	9	AR

40 Meters

3B8CF	7008	0237	12	IL
3B8FG	7006	1311	12	ID
3DA0CA	7026	0413	10	NH
3V8BB	7010	2001	6	NH
4X4WN	7005	0300	10	IA
6W6JX	7013	0349	9	CA
7P8SR	7012	0348	11	FL
8R1J	7004	2222	4	NH
9M8FC	7008	1525	12	CA
9Q5BB	7010	0035	11	IA
9X5EE	7001	2235	12	IA
9Y4KB	7011	1120	11	FL
A35RK	7003	1549	11	CA
A71CW	7002	2038	7	NH
BY1QH	7002	1438	10	CA
C53HG	7003	2241	5	SC
CO2JD	7021	1228	7	IL
CO2NA	7008	1237	11	CA
CP8XA	7010	0016	15	FL
CU2BJ	7006	0112	17	FL
CU3URA	7011	2238	16	FL
EA6BH	7000	2326	16	FL

ES1WN	7005	1250	9	IA
EU3FT	7007	0112	13	FL
FK8GJ	7003	1241	6	AL
FR5HG	7002	1458	11	CA
HC5AI	7008	0139	12	FL
HH2LQ	7185	0440	12	CA
HL9DC	7007	1425	7	ID
JD1/	7012	1346	9	AL
J17BCD	Minami	Torishima		
JW0I	7012	1239	10	AL
OX1TA	7014	2058	6	NH
T99W	7007	2217	14	FL
TA2UV	7008	0336	16	FL
TU2XZ	7016	0022	11	CA
TU4SR	7006	2137	9	MD
UA9URF	7016	0230	12	IA
V51BI	7001	2225	8	IA
V73C	7009	1121	10	VA
VK6HQ	7018	2224	9	NH
VP2MH	7003	0205	15	CA
VQ9SS	7010	1422	11	CA
VS6WO	7002	1557	11	CA
YK1AO *	7004	1445	15	AZ
ZA1J	7003	0109	13	FL
ZD8KJ	7006	2010	7	NH
ZP6CW	7005	0522	8	MA

30 Meters

9J2BO	10103	0511	14	CA
CP8XA	10102	1125	6	IL
FK8GJ	10102	1120	9	IL
HZ1AB	10103	1315	11	MO
LU7ER	10101	2304	4	NH
OA4FW	10101	0504	8	SC
R1FJL	10110	1430	11	MO
YL2PQ	10102	1133	14	FL
ZP6CW	10101	0024	5	NH

20 Meter CW

9Q5BB	14004	2147	15	MD
C31LL	14017	1315	17	FL
D2RU	14025	1215	15	MS
D2RU	14019	2125	11	VA
EA8BWD	14018	2251	15	FL
FR5DD	14025	1818	5	NH
FR5DD *	14020	0323	4	CA
FR5DD *	14025	1345	10	IA
HL9DC	14020	2205	5	SC
IS0ATP	14013	1641	17	FL
SV6CZQ	14000	1332	14	FL
TF3DX	14015	2007	6	NH
V44KAO	14027	2131	11	VA
VP8GAV	14024	0030	8	NH
XQ0YAF	14002	2221	15	FL
Y19CW *	14006	1509	16	AZ
ZD8KJ	14008	2052	7	ID

20 Meter SSB

4S7DA *	14190	0154	13	CA
4S7UK *	14204	0108	6	CA
7P8PG	14254	1901	10	MD
8R1WD	14191	1208	4	MD
9K2ZZ	14198	1250	9	AL

9N1ARB *	14193	0153	13	CA
9N1KY *	14192	0133	6	CA
A22MN	14205	2216	10	CA
VP8GAV	14259	0019	10	AR
VU2BM	14024	1316	5	NH
YS1VW/5	14215	0000	8	AR
ZC6B	14243	1443	10	AR

17 Meter CW

3B8CF	18082	1547	7	VA
9H1AL	18073	1600	17	FL
CP8XA	18076	1616	8	VA
HC5AI	18073	2212	6	VA
V73C	18071	2225	5	SC
VP8GAV	18071	1645	11	VA
VQ9QM	18076	1536	7	VA
Y19CW	18070	1313	10	MA

17 Meter SSB

HK0TCN	18115	2114	8	MD
TU2ZR	18155	1610	10	SC
YL2GW	18128	1328	7	MA
Z21CS	18152	1750	12	CA

15 Meter CW

9J2BO	21027	1341	6	AL
HJ0VGJ	21022	2029	8	SC
TU4SR	21024	1330	9	VA
XQ0YAF	21010	1730	11	IA

15 Meter SSB

6W6JX	21300	1830	10	IL
7X2LS	21298	1651	4	CA
C53HG	21288	1715	4	CA
C91AI	21299	1910	12	CA
CT3FT	21302	1703	7	VA
FR5ZQ/G	21255	1630	7	AR
TZ6VV	21271	1510	4	IA
V73C	21318	2200	10	IA
VP8CQT	21308	2230	10	IA
VR6TC	21348	0020	7	IA
ZB2JO	21277	1720	6	IA
ZD7JP	21378	1934	9	SC
ZD7WRG	21290	1854	10	CA

12 Meter SSB

EA8AMT	24945	1433	5	VA
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10 Meter CW

5T5JC	28025	1720	11	IL
LU3MFE	28020	2230	9	ID

10 Meter SSB

5N0GC	28477	1508	10	IL
9J2BO	28465	1655	11	IA
9J2FR	28466	1626	11	IL
D2EGH	28437	1500	10	IL
EA3EZD	28455	1601	11	IL
EL2PP	28495	1640	11	IA
ZP8YA	28350	2013	7	AR
ZS6BRZ	28507	1542	11	IL

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Islands	OH	N0AFW/	Jan. 10-15	I766
Antarctica		VP8CMR	14260 2230Z	I763
		VI0ANT	now active	I768
		IA0PS	now active	I767
Antigua	V2	/G6QQ	Nov. 18+	I764
Bahamas	C6	C6AGN	Dec. 10-Mar.	I765
Belize	V3	V31RY OB	CW Dec. 28-Jan. 9	I767
Botswana	A2	A22MN	low bands	I765
Cameroon	TJ	TJ1JR	14165 2230Z	I758
Cayman Islands	ZF	ZF2RO	Dec. 29-Jan. 5	I768
Central Kiribati	T31	T31BA/BB	Dec. 29-Jan. 15	I769
Eastern Kiribati	T32	T32J+	Dec. 27-Jan.2	I766/9
Falklands	VP8	VP8CBC	Dec. 24-Jan. 1	I769
Ghana	9G	9G1JB	2 years	I765
		9G1AA	Jan. 17-31	I767
Glorioso	FR/G	FR5ZQ	21256 16Z	I768
Kuwait	9K	9K2MU	3792 0100Z	I769
Maldives	8Q	8Q7BX	Dec. 26-Jan.6	I769
Market Reef	OJ0	N0AFW	Jan. 10-15?	I766
Nepal	9N	9N1WT	14270 08Z	I765
		9N/JA3ULS	Dec. 25-Jan. 5	I769
North Cooks	ZK1KH		December	I745/9
Palestine?	ZC	ZC6B	14243 14Z	I768
Qatar	A7	DL9FQC/	Jan. 14-27	I766
Rwanda	9X	9X5EE	now active	I767
St. Lucia	J6	W9s	Jan. 7-13	I768
Saudi Arabia	HZ	7Z5OO	12-1500Z	I763
Solomons	H4	H44MS	mid-Jan.	I768
Somalia	T5	T5AR	7002 1430Z	I768
South Georgia	VP8	VP8SGP?	Jan. 4-19	I769
South Shetlands	VP8	DP1KGI	Jan.-Mar.	I767
		HF0POL	to Dec. 31	I768
Syria	YK	4U/VE3UWC	now active	I759
Taiwan	BV/	KJ5LL	Dec. 22-Jan.2	I768
Thailand	HS/DL2VK		six months	I760
	HS/DL2FDK		Dec. 9-Jan. 9	I765
Tonga	A3	A35RK	Nov. 24-Feb.	I761
Tunisia	3V	3V8BB	21290/14Z 14020/16Z	
Turks & Caicos	VP5	WB8GEX/	Dec. 26-Jan.1	I766
Vatican	HV	HV3SJ	Jan. 3-Mar.	I767
Vietnam	XV	XV7SW	now active	I764
Zaire	9Q	9Q5EXV	thru Jan.	I764
		9Q5IY	to Mar.	I769

DX Operating Events and DX Gatherings

Jan. 7-8	ARRL RTTY Roundup
Jan. 14-15	Hungarian CW DX Contest
Jan. 27-29	CQWW 160-Meter CW Contest
Jan. 28-29	UBA Belgium SSB DX Contest
Feb. 11-12	PACC CW/SSB DX Contest
Feb. 11-12	Spanish RTTY Contest
Feb. 18-19	ARRL CW DX Contest

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Albania	ZA1AJ	3514±	23-0400Z
Algeria	7X2LS	21305±	1700Z
Angola	D2RU	14022±	0500Z
Antarctica	VP8GAV	14023±	0030Z+
Bosnia-Herzegovina	T99W	7005±	2200Z
Easter Island	XQ0YAF	21015±	1730Z
Iceland	TF3DX	3503	1000Z
Israel	4X4WN	3504±	0200Z
Ivory Coast	TU4SR	7006	2130-02Z
Ivory Coast	TU2XZ	7015	0030Z
Kuwait	9K2ZZ	14198	1300Z
Madeira	CT3FT	21302	1700Z
Mali	TZ6VV	21271	1500Z
Minami Torishima	J17BCD/JD1	7010±	09-1400Z
New Caledonia	FK8GJ	7005±	1245Z+



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Panama	HP1XBH	3510	0130Z
Rwanda	9X5EE	7001	2230Z+
Senegal	6W6JX	7014	0400Z
Slovenia	S52CD	3798	0230-05Z
Zambia	9J2BO	10104	0500Z

Contributors

This Issue made possible by: AB4PW, AH0W, DF6FK, DL2ZAD, DXNS, DXPress, G3NOM, I4ALU, JADXX, JH2PDS, K0DEQ, K4II, K4IQJ, K5OVC, K8JLF, KA7T, KD7SO, KG4O, KK6EK, KM6FW, KM9J, KT7H, KZ0X, N6YEU, N8HUB, OPDX, PT2BW, SM3CVM, VE3MR, W0JRN, W1AW, W1BFT, W1FV, W1NH, W1WA, W3ULI, W4VQ, W6BJI, WB3ECU, WB8ZRL, WD0GLF, WD9GGY, and WU6T. Many thanks!